

COOPER & DUNHAM LLP
ATTORNEYS AT LAW1185 AVENUE OF THE AMERICAS, NEW YORK, NEW YORK 10036
TELEPHONE: (212) 278-0400*Official*
MH
*9/5/02*CHRISTOPHER C. DUNHAM
NORMAN H. ZIVIN
JOHN P. WHITE
WILLIAM E. PELTON
ROBERT D. KATZ
PETER J. PHILLIPS
WENDY S. MILLER
ROBERT T. MALDONADO
ERIC D. KIRSCH
ALAN J. MORRISON
GARY J. GERSHIK
MICHAEL F. MORANO
FRANK A. BRUNO
JASON S. MARIN
KEITH J. BARKAUS
HARVEY AGOSTO
ANTHONY V. FLINT*IVAN S. KAVRUKOV
PETER D. MURRAY
JAY H. MAIOLI
ROBERT B. G. HOROWITZ
DONALD S. DOWDEN
DONNA A. TOBIN
RICHARD S. MILNER
RICHARD F. JAWORSKI
PAUL TENG
PEDRO C. FERNANDEZ
TODD W. EVANS
ALAN D. MILLER
CHRISTINE S. NICKLES
SPYROS S. LOUKAKOS*
MARIA V. MARUCCI
DEEPRO R. MUKERJEEFACSIMILE: (212) 391-0525
(212) 391-0526
(212) 391-0630OF COUNSEL
JOHN R. CARBER
MARK A. FARLEYSCIENTIFIC ADVISORS
BRIAN J. AMOS, PH.D.
NICHOLAS F. MUTO, PH.D.
JOSEPH B. CRYSTAL, PH.D.
ARMANDO L. BALBONI, M. PHIL.
MURIEL M. LIBERTO, PH.D.FOUNDED 1987
www.cooperdunham.com**FACSIMILE TRANSMISSION**

* NEW YORK STATE BAR ADMISSION PENDING

PLEASE DELIVER THE FOLLOWING PAGESTO: Examiner J. HuntGROUP ART UNIT: 1642FACSIMILE NO.: (703) 746-4989FROM: Mark A. Farley/JPWTOTAL NUMBER OF PAGES, INCLUDING COVER PAGE: 20DATE: September 5, 2002

TIME: _____

IF YOU DO NOT RECEIVE ALL THE PAGES, PLEASE CALL BACK AS SOON AS
POSSIBLE TO (212) 278-0400.AMENDMENT IN RESPONSE TO JULY 2, 2002 FINAL OFFICE ACTION in connection with Philip O. Livingston et al. for
GANGLIOSIDE-KLH CONJUGATE VACCINES WITH QS-21, U.S. Serial No. 08/196,154, filed November 16, 1995, including
Exhibit A (Amended Claims) and a Facsimile Certificate of Transmission dated September 5, 2002.

Date Due: October 2, 2002

Thank you.

=====

THE INFORMATION CONTAINED IN THIS FACSIMILE TRANSMISSION IS INTENDED SOLELY FOR THE
PERSONAL AND CONFIDENTIAL USE OF THE DESIGNATED RECIPIENT(S) NAMED ABOVE. THIS
TRANSMISSION MAY BE AN ATTORNEY-CLIENT COMMUNICATION CONTAINING INFORMATION THAT IS
PRIVILEGED AND CONFIDENTIAL. IF THE READER OF THIS MESSAGE IS NOT A DESIGNATED
RECIPIENT OR AN AGENT RESPONSIBLE FOR DELIVERING IT TO A DESIGNATED RECIPIENT, YOU ARE
HEREBY NOTIFIED THAT YOU HAVE RECEIVED THIS DOCUMENT IN ERROR, AND THAT ANY REVIEW,
DISTRIBUTION, OR COPYING OF THIS MESSAGE IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED
THIS COMMUNICATION IN ERROR, OR IF UPON READING THIS DOCUMENT YOU HAVE REASON TO
BELIEVE THAT THE DOCUMENT WAS INADVERTENTLY SENT TO YOU, PLEASE NOTIFY US IMMEDIATELY
BY COLLECT TELEPHONE CALL AND RETURN THE ORIGINAL MESSAGE TO US BY MAIL. THANK YOU.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Philip O. Livingston and Friedhelm Helling

Serial No.: 08/196,154 Examiner: J. Hunt

Filed : November 16, 1995 Group Art Unit: 1642

For : GANGLIOSIDE-KLH CONJUGATE VACCINES WITH QS-21

1185 Avenue of the Americas
New York, New York 10036
September 5, 2002

Assistant Commissioner for Patents
Washington, D.C. 20231


Sir:

FACSIMILE

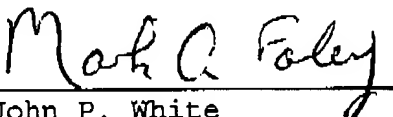
CERTIFICATE OF TRANSMISSION

IN CONNECTION WITH THE ABOVE-IDENTIFIED APPLICATION

Date of Facsimile: September 5, 2002. I hereby certify that this paper or fee is being facsimile transmitted to the United States Patent and Trademark Office on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231:


Printed Name: Amy Adler

Respectfully submitted,


John P. White
Registration No. 28,678
Mark A. Farley
Registration No. 33,170
Attorneys for Applicant(s)
Cooper & Dunham, LLP
1185 Avenue of the Americas
New York, New York 10036
(212) 278-0400

*Received
9/5/02*

RULE 1.116 AMENDMENT
EXPEDITED PROCEDURE
GROUP ART UNIT 1642

Dkt. 43016-A-PCT-US/JPW/MAF

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Philip O. Livingston and Friedhelm Helling

Serial No.: 08/196,154 Examiner: Anne Holleran

Filed : November 16, 1995 Group Art Unit: 1642

For : GANGLIOSIDE-KLH CONJUGATE VACCINES WITH QS-21

1185 Avenue of the Americas
New York, New York 10036
September 5, 2002

Assistant Commissioner for Patents
Washington, D.C. 20231

Attn: Box AF

SIR:

AMENDMENT IN RESPONSE TO JULY 2, 2002 FINAL OFFICE ACTION

This amendment is filed in response to the July 2, 2002 Final Office Action issued by the Patent and Trademark Office in connection with the above-identified application. A response to the Final Office Action is due on October 2, 2002. Accordingly, this Amendment is being timely filed.

Please amend the subject application as follows:

In the Claims

Please amend claims 97, 111, and 113 as follows. A marked-up version of the amended claims, wherein the deleted material is in brackets and the inserted material is underlined, is attached hereto as Exhibit A.